BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No:

Measurement Sheet

First and Part

Item No:	27	
Item Name:	Extra For providing throating or Drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification, complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
		1	26	3.3			85.80	
		1	4	3.1			12.40	
						total	**98.20**	
					Approved BOQ qty		**99.00**	
			Qty payable in this Bill				**98.20**	**Rmtr**

Contractor Representative

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

30/4/19

Asst.Executive Engineer
Project-RR Nagara
BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	28	
Item Name:	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. complete as per the direction of the Engineer in-charge. For columns ,beams , sump tank , roof slab, misc. works.	

	Description	dia (mm)	Nos	Length	total length (in mts)	Wt kg/mt	total Wt (kgs)	REMARKS
	LINTEL BEAMS							
a	**C1D1; F1H1,J1L1,C17D17,F17H17,J17L17 & A11C11**							
	Top rod.	10	7	2	6.00	0.62	51.85	
	Bottom rod	12	7	3	17.80	0.89	332.27	
	Stirrups @ 15(	8	7	41	1.04	0.395	118.37	
b	**A1C1; C5D5; C6D6; C13D13 ;C14D14;**							
	Top rod.	10	5	2	5.75	0.62	35.49	
	Bottom rod	12	5	3	4.70	0.89	62.67	
	Stirrups @ 15(	8	5	39	1.60	0.395	123.57	
C	**A6A11**							
	Top rod.	10	1	2	8.50	0.62	10.49	
	Bottom rod	12	1	2	3.00	0.89	5.33	
	Stirrups @ 15(	8	1	58	1.60	0.395	36.75	
d	**A1C1; @ windows W1 @ J1 TO J17**							
	Top rod.	10	3	2	4.50	0.62	16.67	
	Bottom rod	12	3	2	3.00	0.89	16.00	
	Stirrups @ 15(	8	3	31	1.60	0.395	58.93	
e	**L1L4,L14L17 FOR W1**							
	Top rod.	10	3	2	10.50	0.62	38.89	
	Bottom rod	12	3	2	3.00	0.89	16.00	
	Stirrups @ 15(	8	3	71	1.60	0.395	134.97	
f	**A11A13; D14D17 ; @ H4, 2 H14, @J1J17; @K10 ; @**							
	Top rod.	10	14	2	2.20	0.62	38.02	
	Bottom rod	12	14	2	3.00	0.89	74.67	
	Stirrups @ 15(	8	12	16	1.60	0.395	121.67	
g	**B15 C15; @ C1C4- 4nos; F1F5**							
	Top rod.	10	9	2	3.30	0.62	36.67	

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Project-RR Nagara

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	Bottom rod	12	9	2	3.00	0.89	48.00	
	Stirrups @ 15(	8	9	23	1.60	0.395	131.17	
h	**ENTRANCE LOBBY LINTEL**							
	Top rod.	12	1	2	6.85	0.89	12.18	
	Bottom rod	12	1	3	3.00	0.89	8.00	
	Stirrups @ 15(	8	1	47	1.60	0.395	29.78	
i	**Chajja**	**W**						
	Main	26	17	1.2	530.40	0.62	328.85	
	Distribution	26	5	2.1	273.00	0.395	107.84	
		26	9	0.9	198.90	0.395	78.57	
j		**V1**						
	Main	4	24	1.2	115.20	0.62	71.42	
	Distribution	4	5	3.0	60.00	0.395	23.70	
		4	13	0.85	44.20	0.395	17.46	
k		**V2**						
	Main	1	24	1.2	28.80	0.62	17.86	
	Distribution	1	5	1.0	5.00	0.395	1.98	
		4	13	0.85	44.20	0.395	17.46	
						Total	**2223.54**	
							2.22	**tonne**
Page NO: 36			Qty of TMT Steel for Sump Tank Item No Vide From				**1.91**	**tonne**
Page:- 43			Qty of TMT Steel for Column Item No Vide From				**8.23**	**tonne**
Page: 55			Qty of TMT Steel for Grade Beam Item No Vide From				**9.82**	**tonne**
			Qty payable in this Bill				**22.19**	**tonne**

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Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
Project-RR Nagara
BBMP

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Agency

Consultant Representative .

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	13	
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of Ready Mixed Concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) M30 grade complete as per the direction of the Engineer in-charge.	

	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
	LINTEL BEAM							
	L1 C1D1; F1H1,J1L1,C 17D17,F17H 17,J17L17	1	6	6.00	0.23	0.20	1.66	
	A1C1	1	1	5.75	0.23	0.20	0.26	
	A6A11	1	1	8.50	0.23	0.20	0.39	
	A11A13	1	1	2.10	0.23	0.20	0.10	
	A1C1	1	1	4.50	0.23	0.20	0.21	
	A11C11	1	1	6.00	0.23	0.20	0.28	
	A13B13 V1	1	1	0.80	0.23	0.20	0.04	
	B15 C15	1	1	3.60	0.23	0.20	0.17	
	C1C4	1	2	3.23	0.23	0.20	0.30	
		1	1	3.05	0.23	0.20	0.14	
		1	1	3.34	0.23	0.20	0.15	
	C5D5; C6D6; C13D13; C14D14	1	4	5.78	0.23	0.20	1.06	
	F1F5 @ DOOR D1	1	2	2.65	0.23	0.20	0.24	
	D6D13	1	3	4.00	0.23	0.20	0.55	
	D14D17 @ D1	1	2	2.10	0.23	0.20	0.19	
	BATHROO M FOR V1	1	4	3.00	0.23	0.20	0.55	
	AT H4 , H14 FOR D1	1	2	2.10	0.23	0.20	0.19	

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Project RR-Nagara
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	J1 TO J17 FOR D1 & D2	1	4	2.10	0.23	0.20	0.39	
	do FOR W1	1	2	4.76	0.23	0.20	0.44	
	D1 at K10	1	2	2.10	0.23	0.20	0.19	
	AT CLINIC W1	1	1	2.20	0.23	0.20	0.10	
	AT WARDEN W1	1	1	2.20	0.23	0.20	0.10	
	ENTRANCE LOBBY	1	1	6.85	0.23	0.20	0.32	
	L1L4,L14L17 FOR W1	1	2	10.50	0.23	0.20	0.97	
						Total	**8.98**	**CUM**
page:- 59	Qty of RMC For Grade Beam Item No Vide From						**81.23**	**CUM**
page:- 68	Qty of RMC For Column Item No Vide From						**27.30**	**CUM**
					Total QTY		**117.52**	**CUM**
				Approved BOQ qty			**377.66**	
				Qty payable in this Bill			**117.52**	**CUM**

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CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
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1/5/24

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Construction of Old age homes and other buildings in JP PARK ward No: 17

Measurement Sheet

First and Part

Item No:	15	
Item Name:	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plasticisers @ 0.225 Ltrs machine mixed well compacted Plain Chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. complete as per the direction of the Engineer in-charge.	

	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	REMARKS
	for chejjas		26	2.1		0.6	32.76	
	VI		4	3.1		0.6	7.44	
			1	0.9		0.6	0.54	
						total	**40.74**	
				Approved BOQ qty			**41.00**	
				Qty payable in this Bill			**40.74**	**CUM**

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